1Z0-997-21 Q&As

Oracle Cloud Infrastructure 2021 Architect Professional

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QUESTION 1

Multiple departments In your company use a shared Oracle Cloud Infrastructure (OCI) tenancy to Implement their projects. You are in charge of managing the cost of OCI resources in the tenancy and need to obtain better Insights Into department\\'s usage. Which three options can you implement together to accomplish this?

A. Create a budget that matches your commitment amount and an alert at 100 percent of the forecast

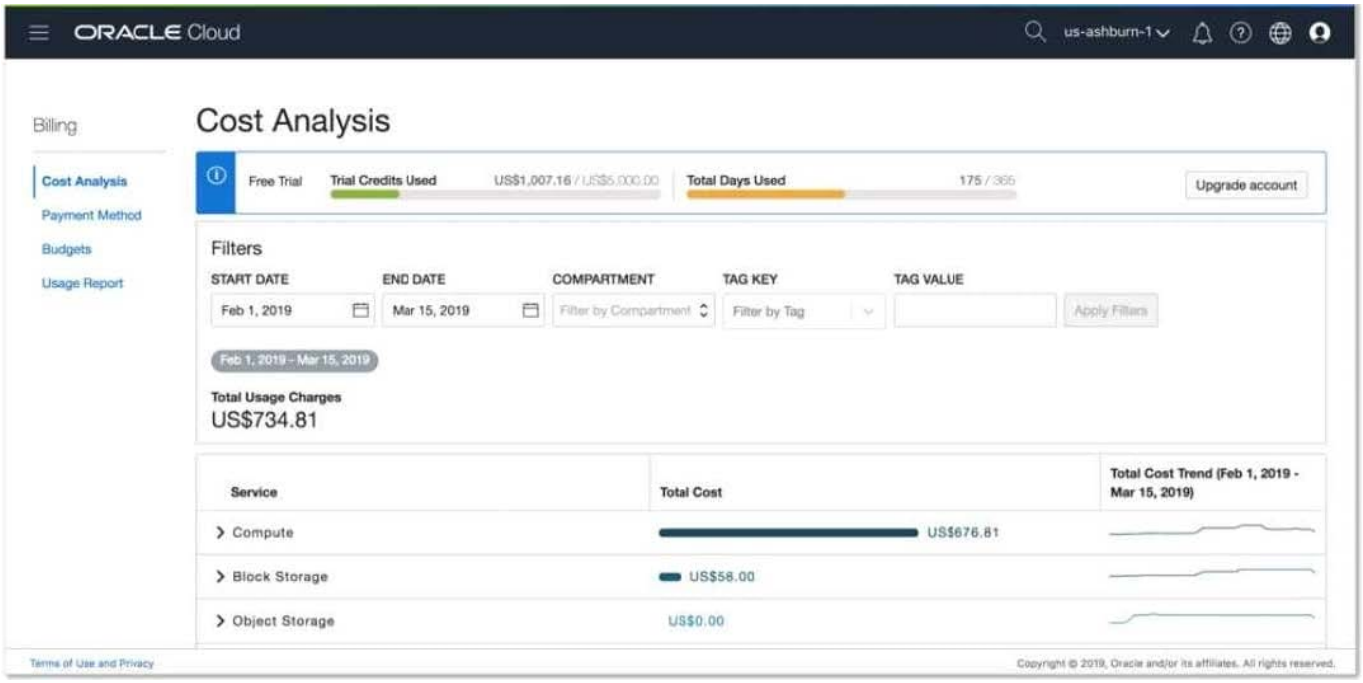
B. Set up a consolidated budget tracking lags to analyze costs in ,1 granular manner

C. Set up different compartments for each department then track and analyze cost per compartment

D. Use the billing cost tracking report to analyze costs

E. Set up a tag default that automatically applies tags to all specified resources created In a compartment then use these tags for cost analysis.

Correct Answer: ACE



QUESTION 2

Which of the following is NOT a good use case for using the functionality available in the Oracle Cloud Infrastructure (OCI) Events service?

A. Publish all events in a specific compartment to Oracle Streaming service for later analysis.

B. Triggers Function using Oracle Functions when new files are uploaded in an OCI Object Storage bucket.

C. Publish a notification when long lived tasks complete, such as OCI Autonomous Database backup completion.

D. Capture Monitoring Alarms and invoke Autoscaling of compute instances.

E. Trigger a notification when a function completes its execution.

Correct Answer: D

QUESTION 3

You are a solutions architect for a global health care company which has numerous data centers around the globe. Due to the ever growing data that your company is storing, you were Instructed to set up a durable, cost effective solution to archive you data from your existing on-premises tape based backup Infrastructure to Oracle Cloud Infrastructure (OCI). What is the most-effective mechanism to Implement this requirement?

A. Use the File Storage Service in OCI and copy the data from your existing tape based backup to the shared file system

B. Setup an on premises OCI Storage Gateway which will back up your data to OCI Object Storage Archive tier.(Correct)

C. Setup an on premises OCI Storage Gateway which will back up your data to OCI object Storage Standard tier. Use Object Storage life cycle policy management to move any data older than 30 days from Standard to Archive tier.

D. Setup an on-promises OCI Storage Gateway which will back up your data to OCI Object Storage Standard

E. Setup fastConnect to connect your on premises network to your OCI VCN and use rsync tool to copy your data to OCI Object Storage Archive tier.

Correct Answer: B

Oracle Cloud Infrastructure offers two distinct storage tiers for you to store your unstructured data. Use the Object Storage Standard tier for data to which you need fast, immediate, and frequent access. Use the Archive Storage service\\'s Archive tier for data that you access infrequently, but which must be preserved for long periods of time. Both storage tiers use the same manageable resources (for example, objects and buckets). The difference is that when you upload a file to Archive Storage, the object is immediately archived. Before you can access an archived object, you must first restore the object to the Standard tier. you can use Storage Gateway to move files to Oracle Cloud Infrastructure Archive Storage as a cost effective backup solution. You can move individual files and compressed or uncompressed ZIP or TAR archives. Storing secondary copies of data is an ideal use case for Storage Gateway.

QUESTION 4

You are running a legacy application in a compute instance on Oracle Cloud Infrastructure (OCI). To provide enough space for it to store internal data, a block volume is attached to the instance in paravirtualized mode. Your application is not resilient to crash-consistent backup. What should you do to backup the block volume in a secure and cost effective way? (Choose the best answer.)

A. Save your application data, detach the block volume and create a clone.

B. Create a volume group, add the boot volume and then run the volume group backup.

C. Create a backup, detach the block volume and save your application data.

D. Save your application data, detach the block volume and create a backup.

Correct Answer: D

QUESTION 5

A global media organization is working on a project which lets users upload their videos on their site. After upload is complete, the video should be automatically processed by an Al algorithm. The algorithm will try to recognize actions in the videos so that it can be used to show related advertisements in future. The development team wants to focus on writing Al code and don\\'t want to worry about underlying infrastructure for high-availability, scalability, security and monitoring. Which OCI services should you recommend for this project?

A. Use OCI Events service for triggering automatic processing of video, Oracle Container Engine for Kubernetes (OKE) and OCI Digital Assistant

B. Use Oracle Container Engine for Kubernetes (OKE) for deployment of Al Code, OCI Notifications and Object Storage

C. Use OCI Resource Manager to manage the underlying infrastructure, OCI Functions and OCI Events service.

D. Use Object Storage for storing videos, OCI Events service and OCI Functions

Correct Answer: D

Oracle Functions is a fully managed, multi-tenant, highly scalable, on-demand, Functions-as-a- Service platform. It is built on enterprise-grade Oracle Cloud Infrastructure and powered by the Fn Project open source engine. Use Oracle Functions (sometimes abbreviated to just Functions) when you want to focus on writing code to meet business needs. The serverless and elastic architecture of Oracle Functions means there\\'s no infrastructure administration or software administration for you to perform. You don\\'t provision or maintain compute instances, and operating system software patches and upgrades are applied automatically. Oracle Functions simply ensures your app is highly-available, scalable, secure, and monitored. With Oracle Functions, you can write code in Java, Python, Node, Go, and Ruby (and for advanced use cases, bring your own Dockerfile, and Graal VM). You can then deploy your code, call it directly or trigger it in response to events, and get billed only for the resources consumed during the execution. You can create automation based on state changes for your Oracle Cloud Infrastructure resources by using event types, rules, and actions. When the function is executing inside the container, the function can read from and write to other resources and services running in the same subnet (for example, Database as a Service). The function can also read from and write to other shared resources (for example, Object Storage), and other Oracle Cloud Services.